

Amendments to the Drawing:

Applicants have amended Figure 1 to add the legend "Prior Art" and Figures 3 and 4 to correct the misspelled word "Figure". Two replacement sheets are attached.

REMARKS

Claims 17-32 are pending in the above-referenced application and are submitted for the Examiner's reconsideration.

The Examiner objected to the drawings. In view of the amendments made thereto, withdrawal of this objection is respectfully requested.

The Examiner noted an informality in the previously submitted IDS. Applicants have submitted herewith a new IDS that is believed to cure any prior deficiency

Claims 17-32 stand rejected under 35 U.S.C. § 112, ¶1, for failing to provide an enabling disclosure. Specifically, the Examiner believes one of ordinary skill in the art would need to resort to undue experimentation to calculate the direct axis and quadrature axis voltages using only a setpoint value of a quadrature axis current, together with a rotational speed information and a stationary model. The direct-axis component of the regulated voltage (ud) and the quadrature-axis component of the regulated voltage (uq) are ascertained in a decoupling network 19; in this context, for this ascertainment, only the setpoint value of quadrature-axis current component as well as information on the rotational speed are required. With the aid of a stationary machine model, the two voltage components are then ascertained, that is, the direct-axis component of the regulated voltage (ud) and the quadrature-axis component of the regulated voltage (uq). In the case of the stationary machine model, a model in table form is involved which includes the required interrelationships. The machine model is set up, for instance, empirically for the respective permanent magnetically energized synchronous machine. The machine-specific parameters are filed in the stored table. One of ordinary skill, based on reading the specification, would understand the above-stated details sufficient to practice the claimed invention. Accordingly, withdrawal of the above-referenced rejection is requested.

We hope that this information will be enough to respond to the questions of the Examiner in a sufficient manner.

It is therefore respectfully requested that the objections and rejections be withdrawn, and that the present application issue as early as possible.

Respectfully submitted,

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By *112*
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